

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140578.D
 Acq On : 22 Nov 2024 15:32
 Operator : RC/JU
 Sample : P4860-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-007

Quant Time: Nov 22 15:59:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

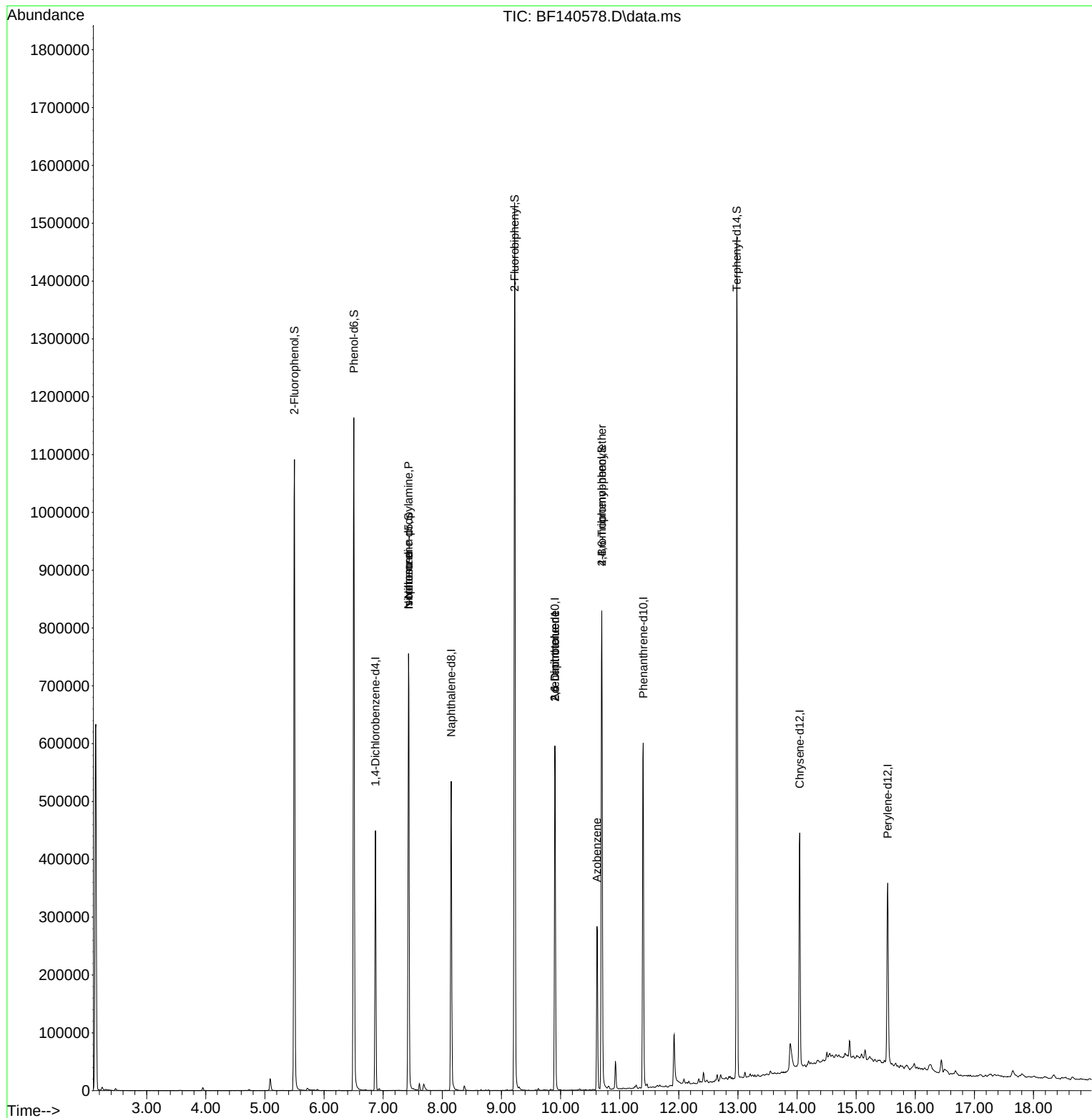
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	93283	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	346410	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	184115	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	340852	20.000	ng	0.00
76) Chrysene-d12	14.045	240	203007	20.000	ng	0.00
86) Perylene-d12	15.533	264	190451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	411293	75.228	ng	0.00
7) Phenol-d6	6.504	99	543906	75.251	ng	-0.01
23) Nitrobenzene-d5	7.428	82	354742	52.381	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	146071	74.181	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	689195	55.773	ng	-0.01
79) Terphenyl-d14	12.980	244	705882	54.143	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	45988	10.766	ng	# 78
25) Isophorone	7.428	82	351116	31.084	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	23603	8.583	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	23603	6.458	ng	# 18
63) Azobenzene	10.616	77	78035	6.689	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	9221	2.627	ng	# 1

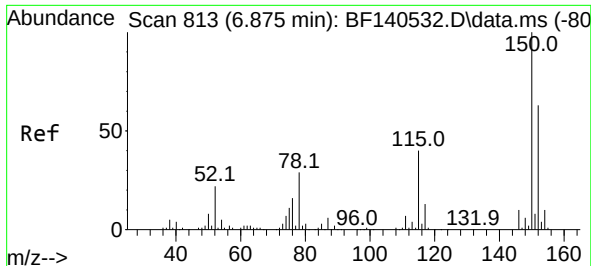
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
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Quant Time: Nov 22 15:59:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

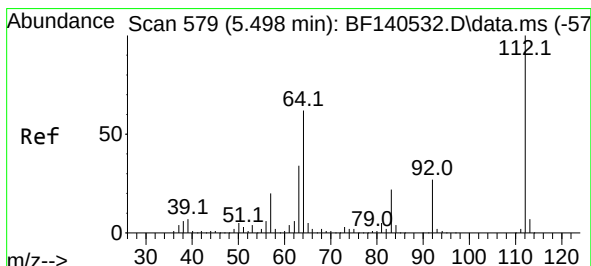
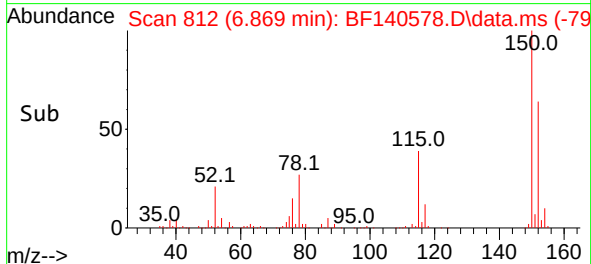
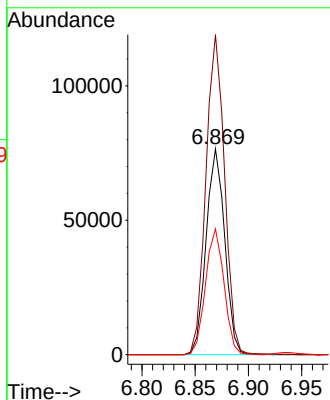
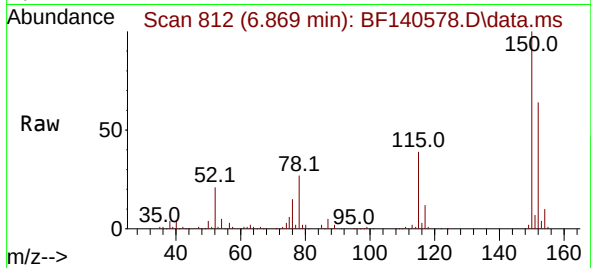




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

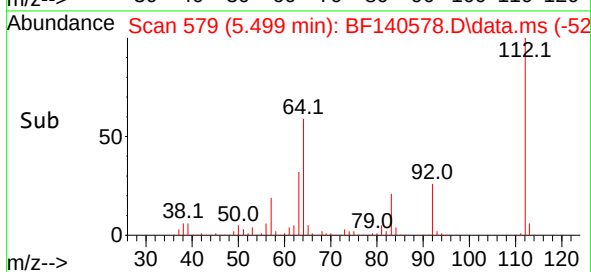
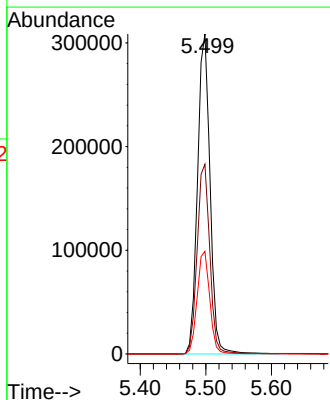
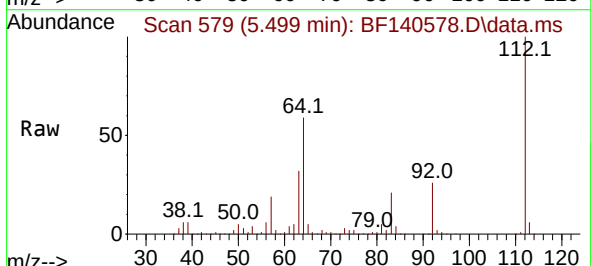
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-007

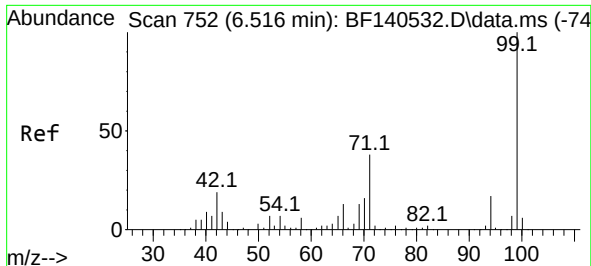
Tgt Ion:152 Resp: 93283
Ion Ratio Lower Upper
152 100
150 155.5 128.5 192.7
115 61.1 50.2 75.4



#5
2-Fluorophenol
Concen: 75.228 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

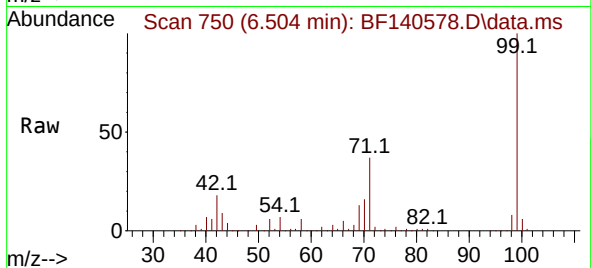
Tgt Ion:112 Resp: 411293
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 32.1 27.0 40.4



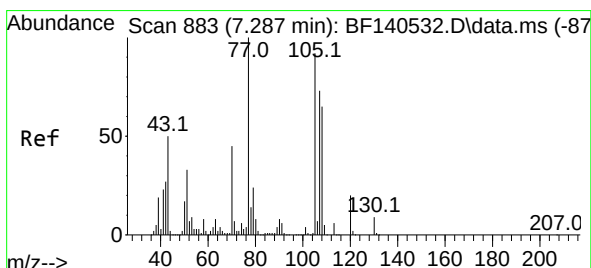
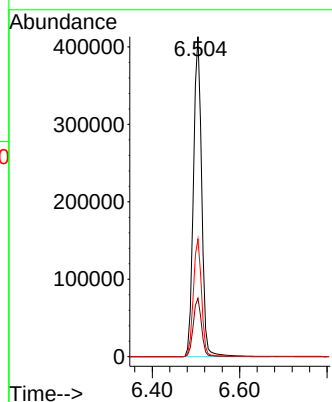
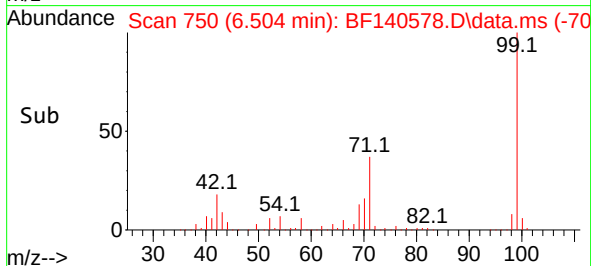


#7
Phenol-d6
Concen: 75.251 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

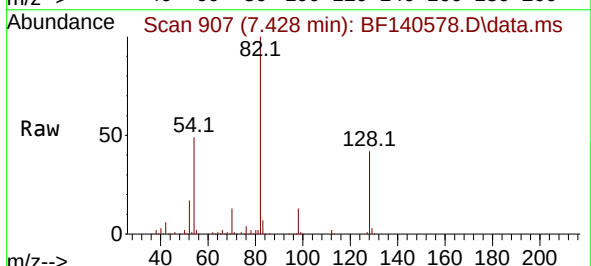
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-007



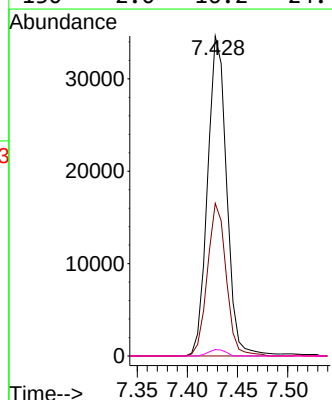
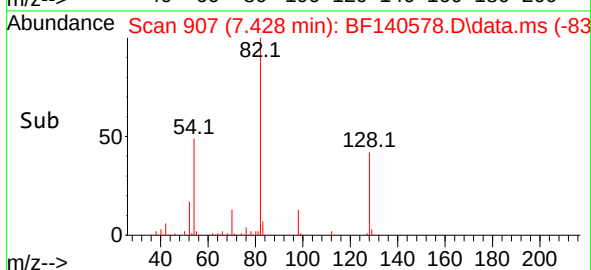
Tgt Ion: 99 Resp: 543906
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 36.7 30.6 46.0

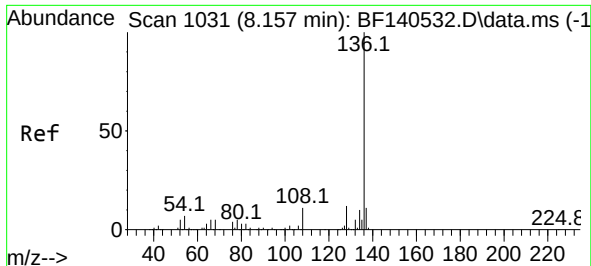


#19
n-Nitroso-di-n-propylamine
Concen: 10.766 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32



Tgt Ion: 70 Resp: 45988
Ion Ratio Lower Upper
70 100
42 47.7 47.6 71.4
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

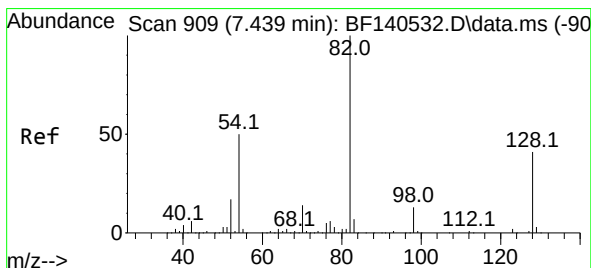
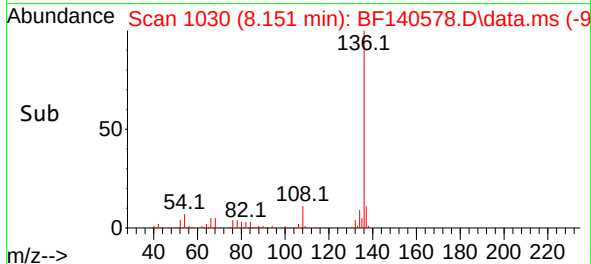
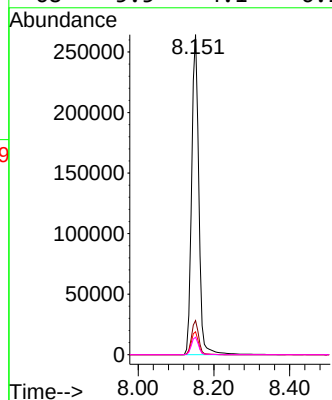
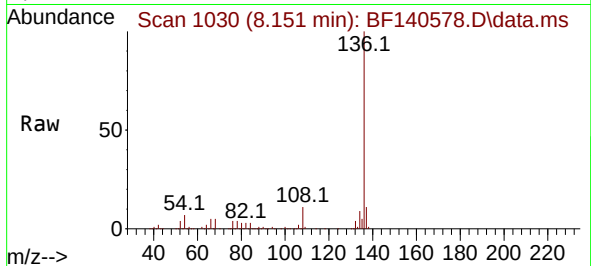
Instrument :

BNA_F

ClientSampleId :

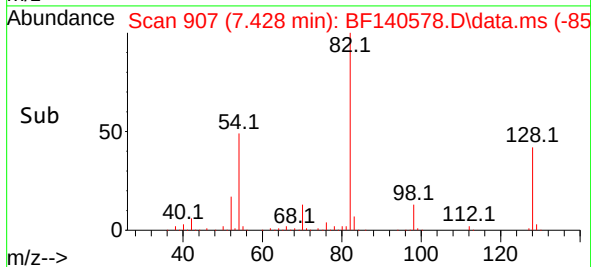
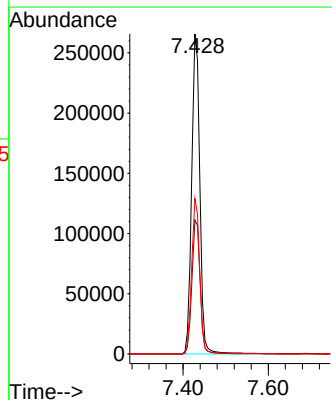
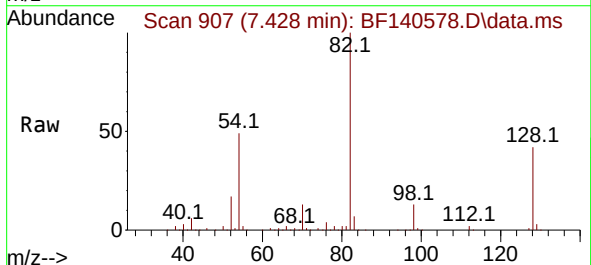
PH2-BOT-007

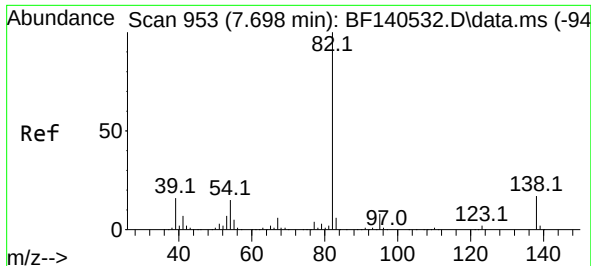
Tgt Ion:136 Resp: 346410
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.2 5.8 8.8
68 5.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 52.381 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

Tgt Ion: 82 Resp: 354742
Ion Ratio Lower Upper
82 100
128 41.8 33.0 49.4
54 48.6 39.5 59.3

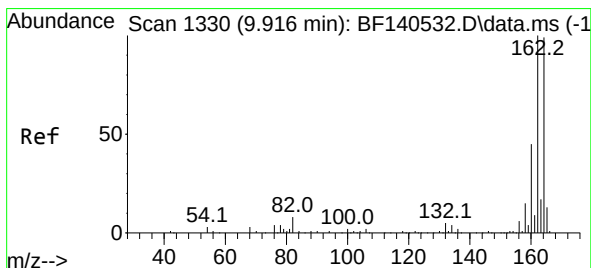
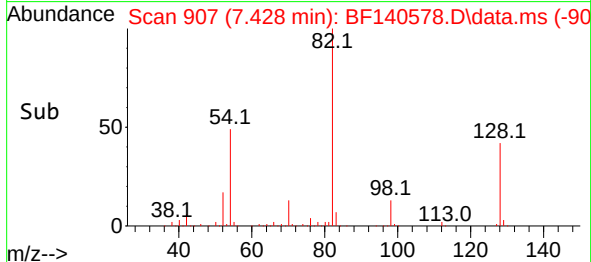
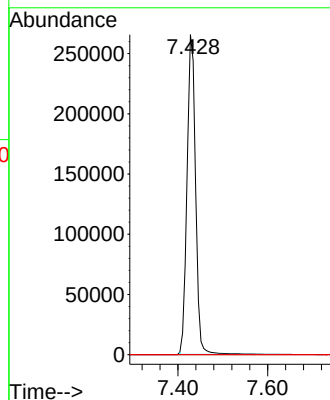
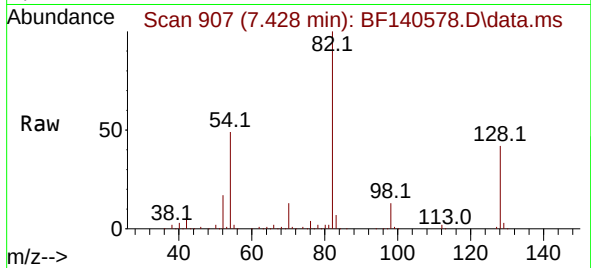




#25
Isophorone
Concen: 31.084 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

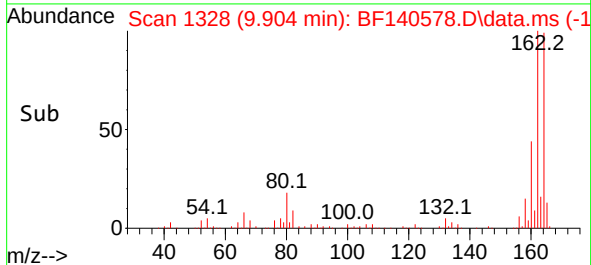
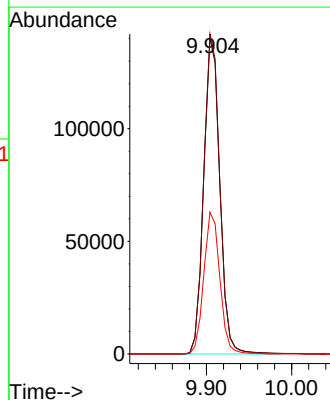
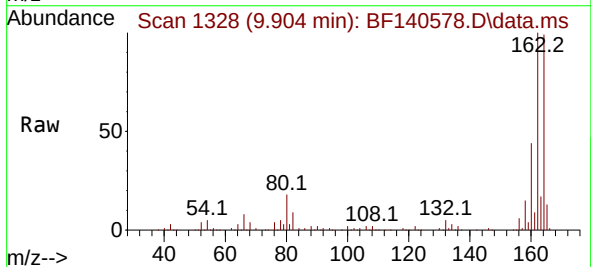
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-007

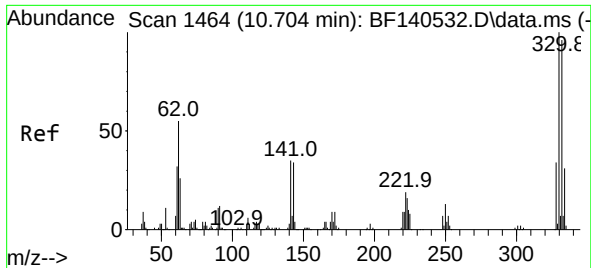
Tgt Ion: 82 Resp: 351116
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

Tgt Ion:164 Resp: 184115
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 44.8 36.2 54.4

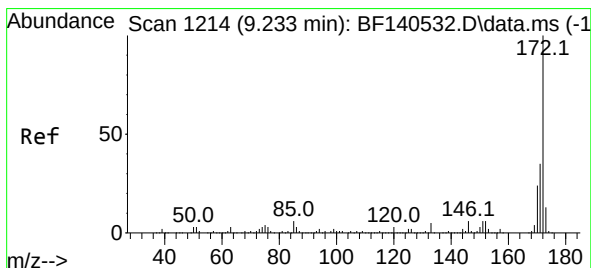
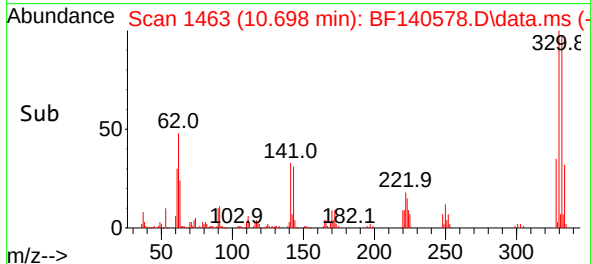
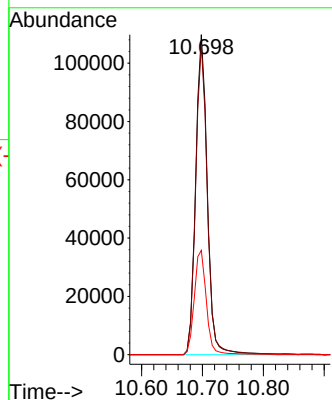
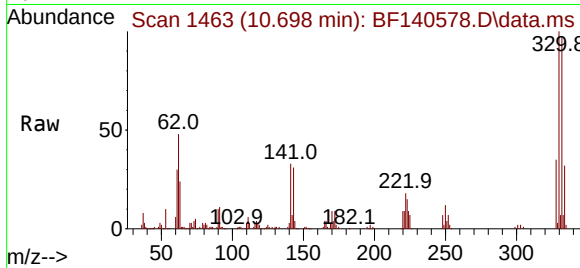




#42
2,4,6-Tribromophenol
Concen: 74.181 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

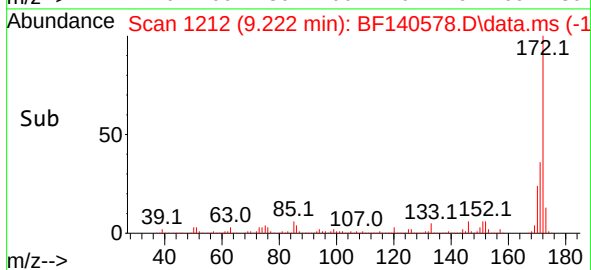
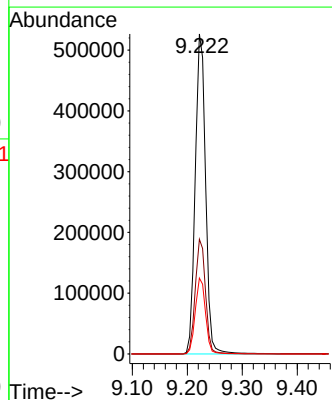
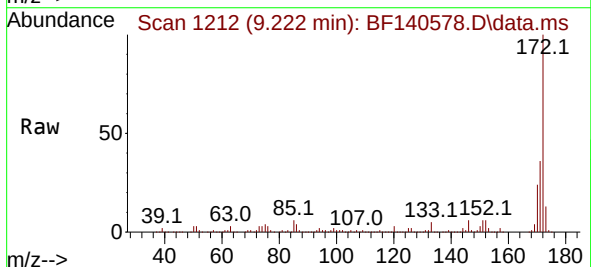
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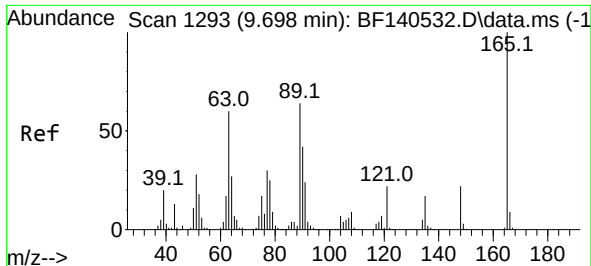
Tgt Ion:330 Resp: 146071
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 33.9 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 55.773 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

Tgt Ion:172 Resp: 689195
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.7 19.0 28.6

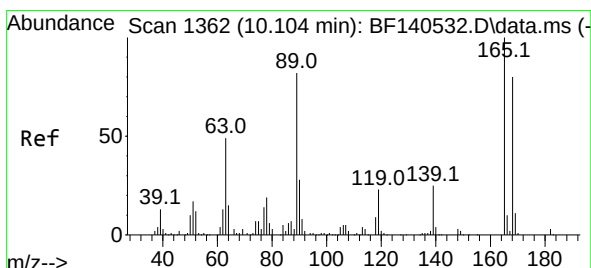
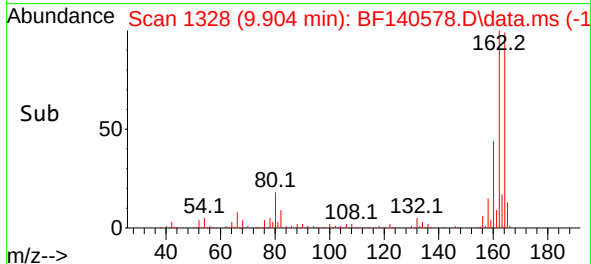
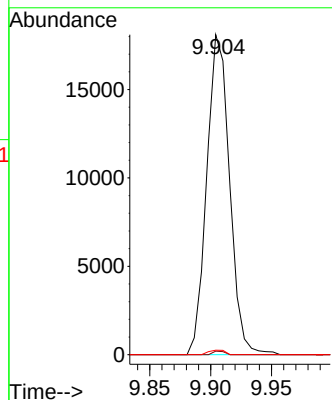
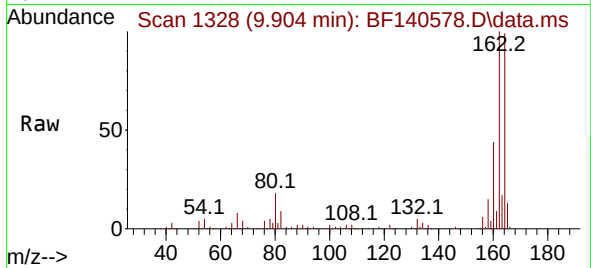




#51
2,6-Dinitrotoluene
Concen: 8.583 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

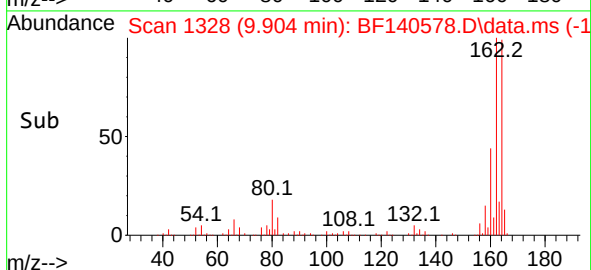
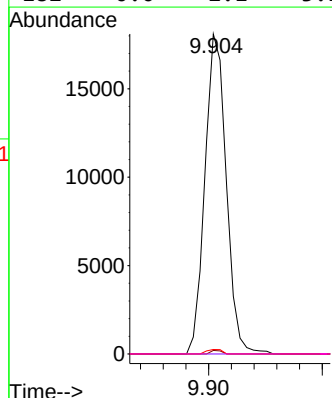
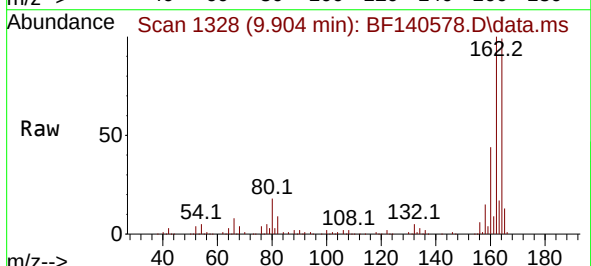
Instrument :
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PH2-BOT-007

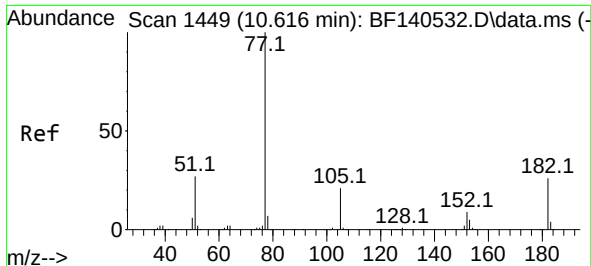
Tgt Ion:165 Resp: 23603
Ion Ratio Lower Upper
165 100
63 1.1 49.9 74.9#
89 1.4 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.458 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

Tgt Ion:165 Resp: 23603
Ion Ratio Lower Upper
165 100
63 1.1 41.7 62.5#
89 1.4 65.8 98.8#
182 0.0 2.1 3.1#

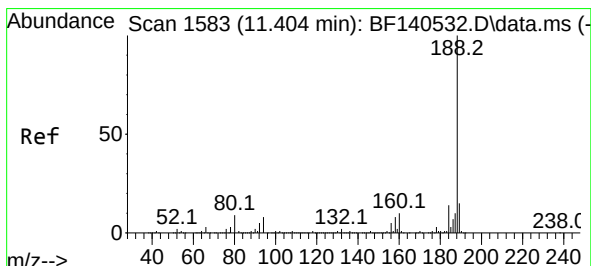
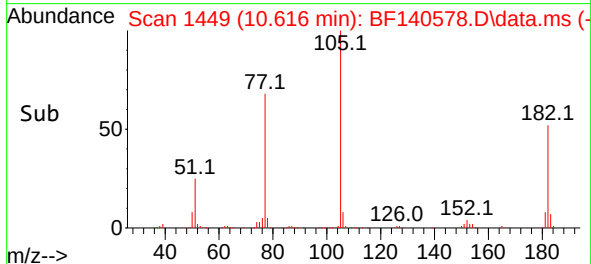
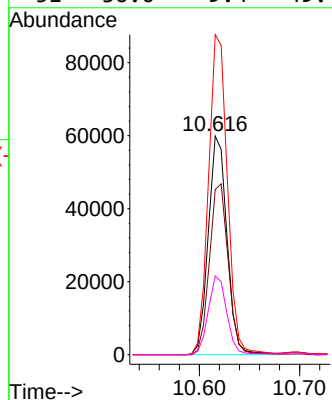
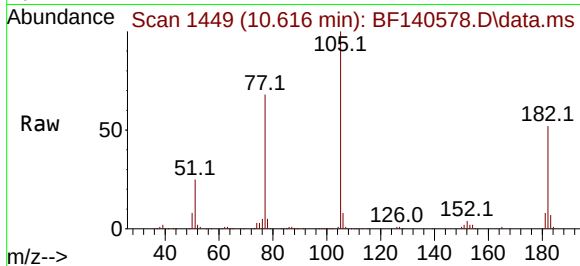




#63
Azobenzene
Concen: 6.689 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

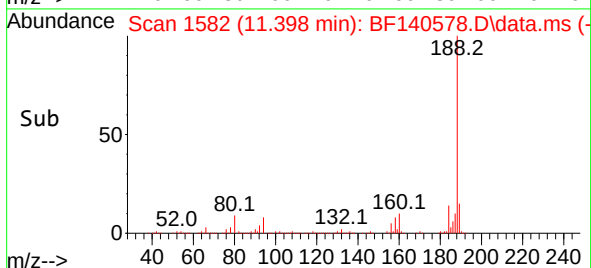
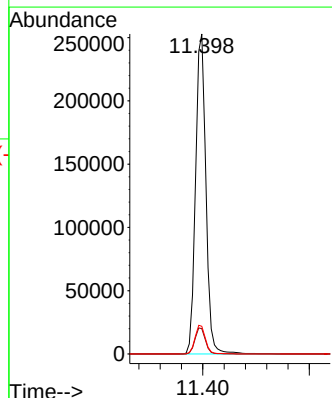
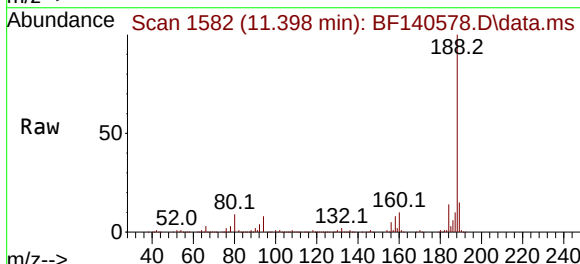
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-007

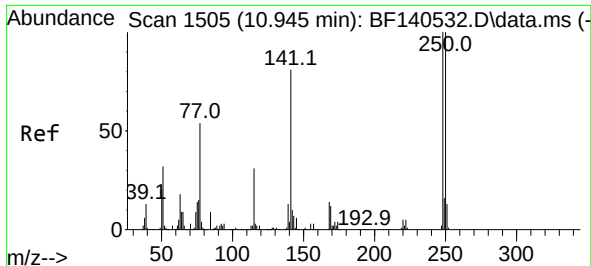
Tgt Ion: 77	Resp: 78035
Ion Ratio	Lower Upper
77 100	
182 75.5	5.3 45.3#
105 146.3	0.3 40.3#
51 36.0	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

Tgt Ion: 188	Resp: 340852
Ion Ratio	Lower Upper
188 100	
94 7.9	6.4 9.6
80 8.6	6.9 10.3

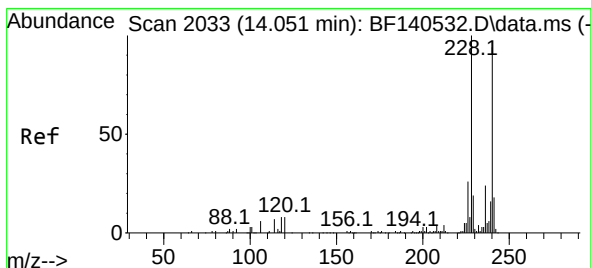
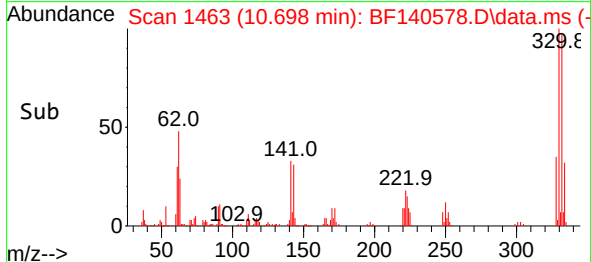
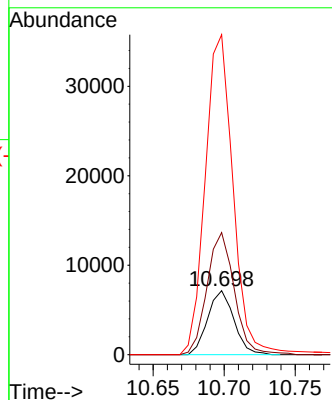
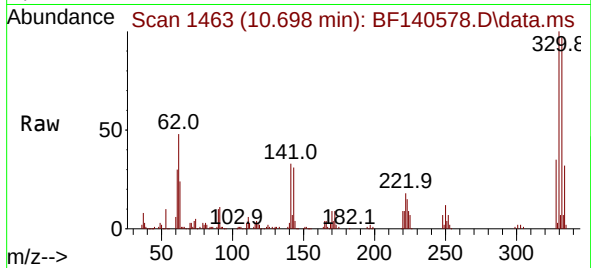




#67
4-Bromophenyl-phenylether
Concen: 2.627 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

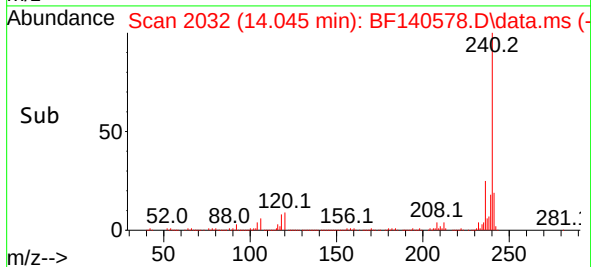
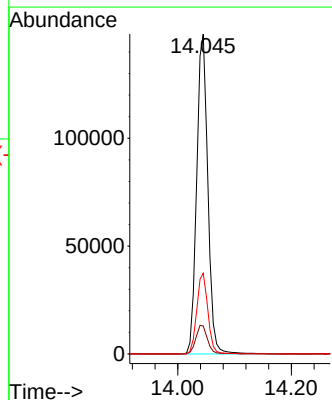
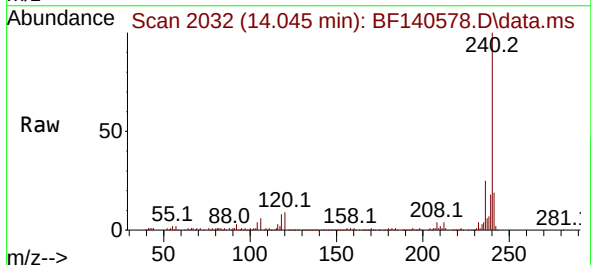
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-007

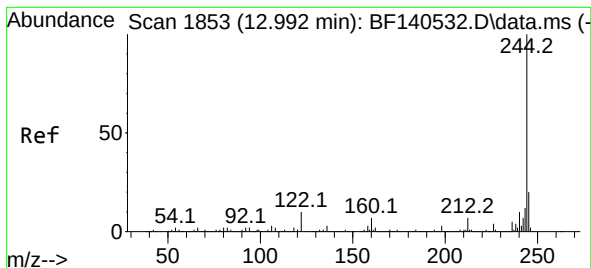
Tgt Ion:248 Resp: 9221
Ion Ratio Lower Upper
248 100
250 190.5 79.8 119.8#
141 499.8 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140578.D
Acq: 22 Nov 2024 15:32

Tgt Ion:240 Resp: 203007
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 54.143 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140578.D

Acq: 22 Nov 2024 15:32

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-007

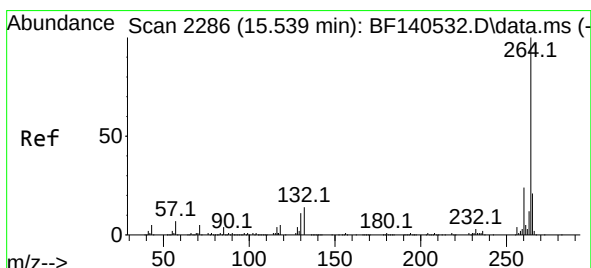
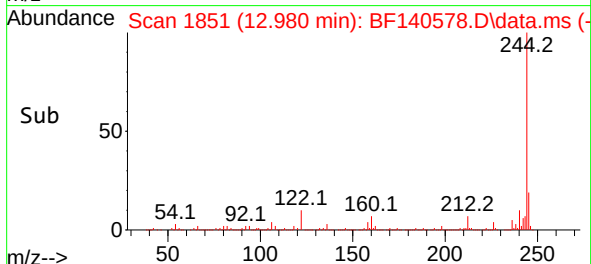
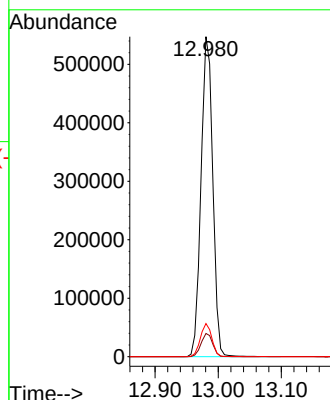
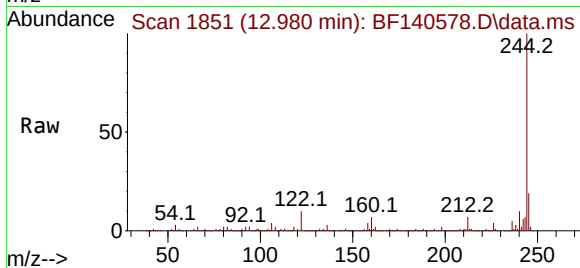
Tgt Ion:244 Resp: 705882

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.4 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF140578.D

Acq: 22 Nov 2024 15:32

Tgt Ion:264 Resp: 190451

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.2 16.6 25.0

